

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

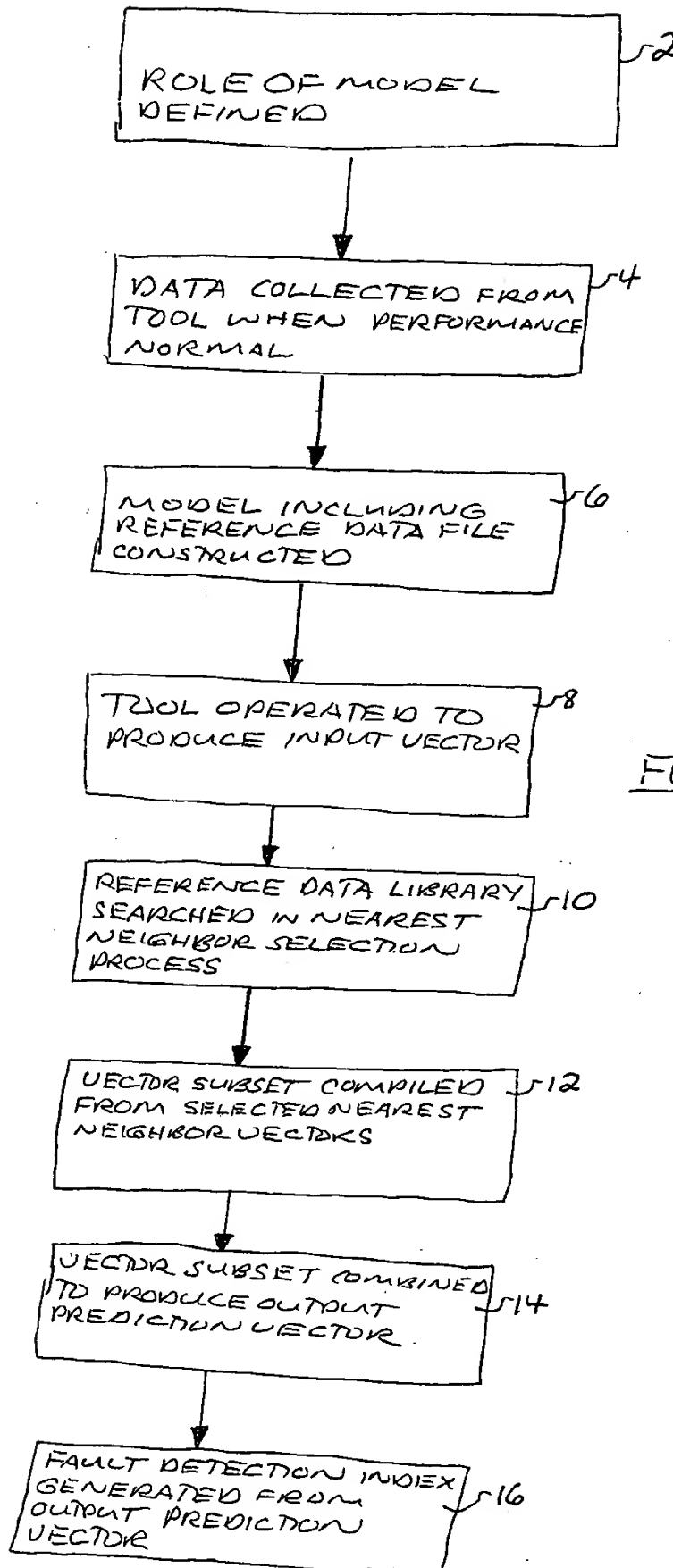
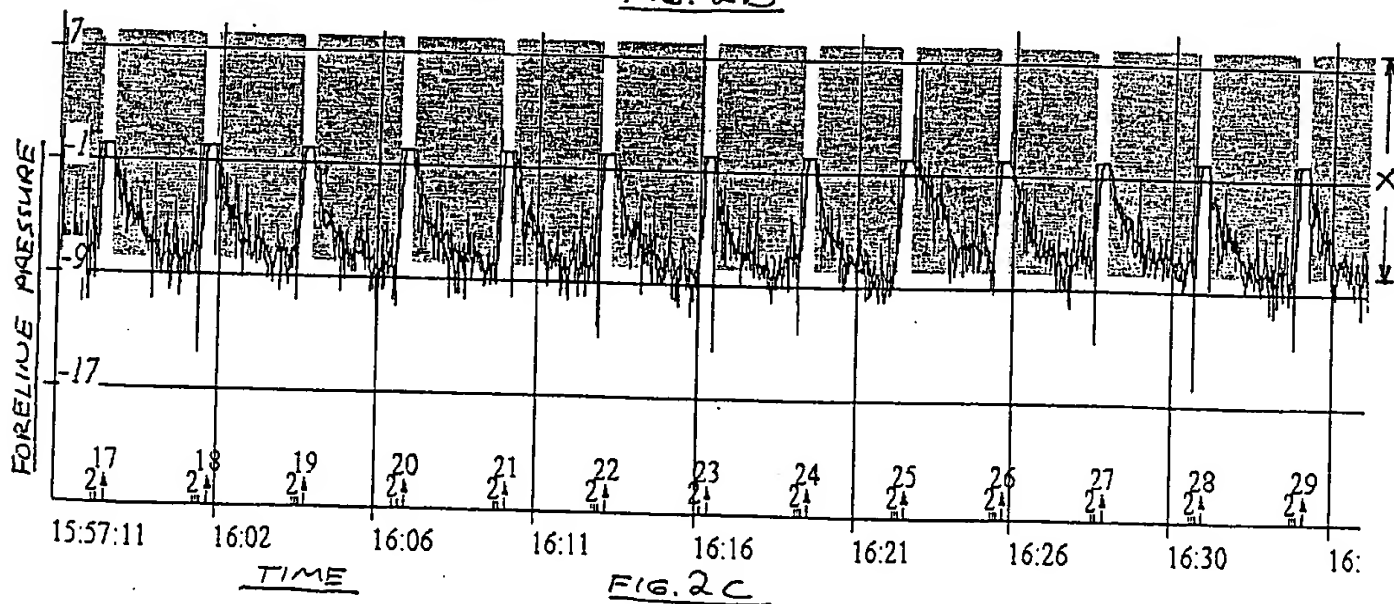
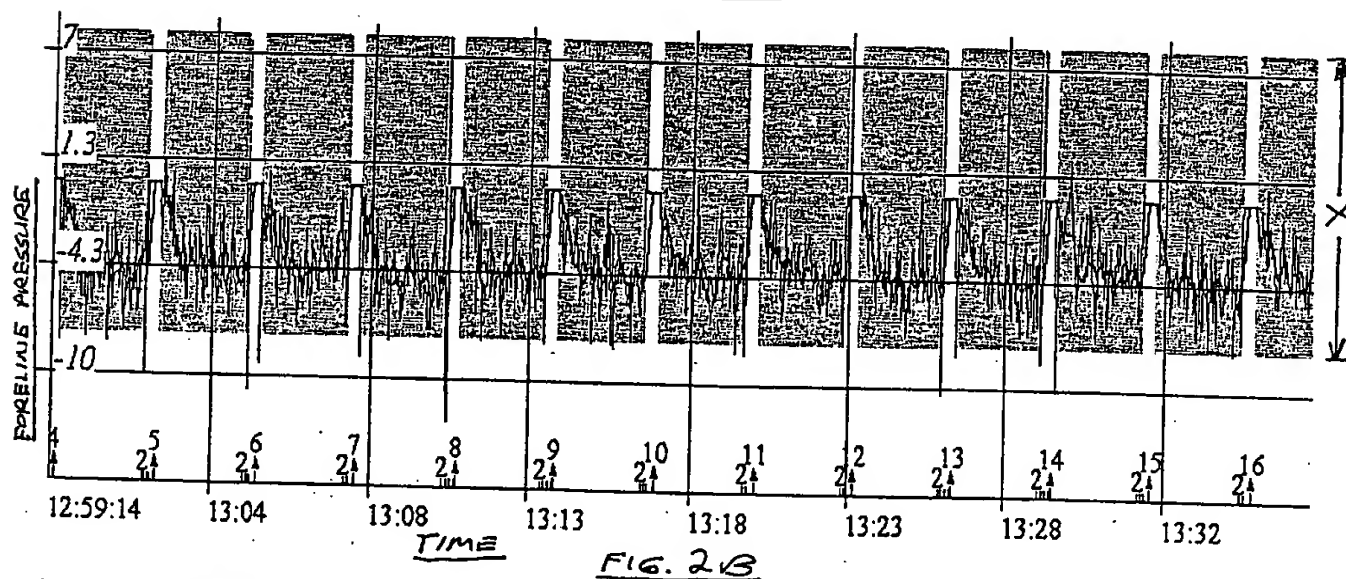
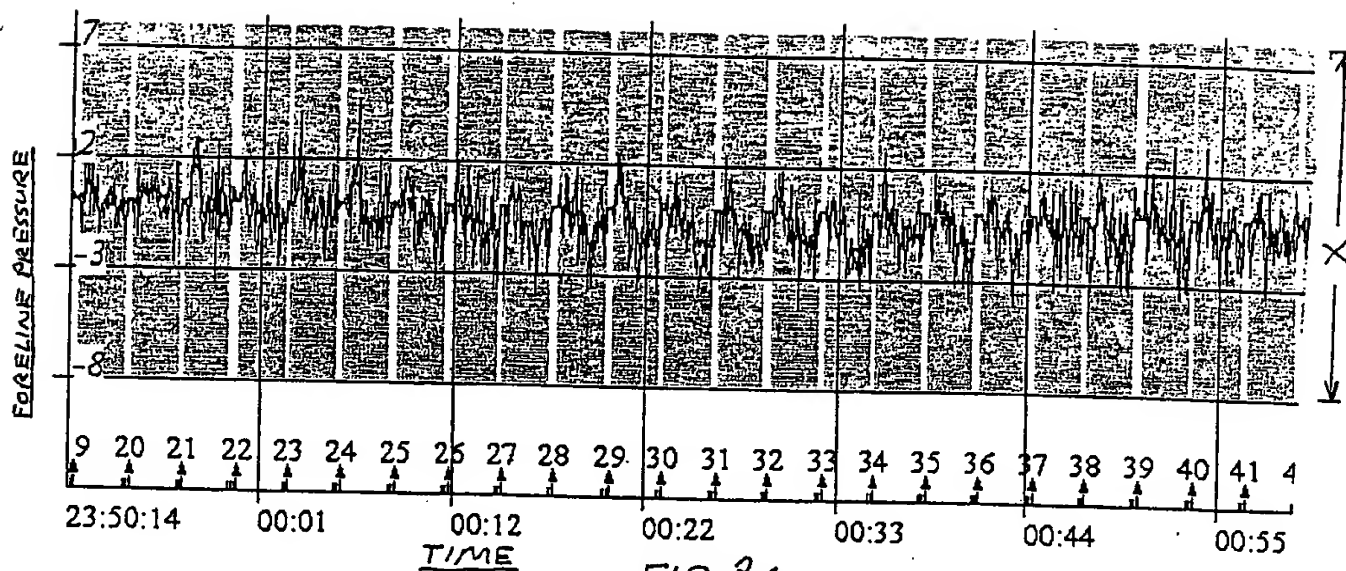


FIG. 1A



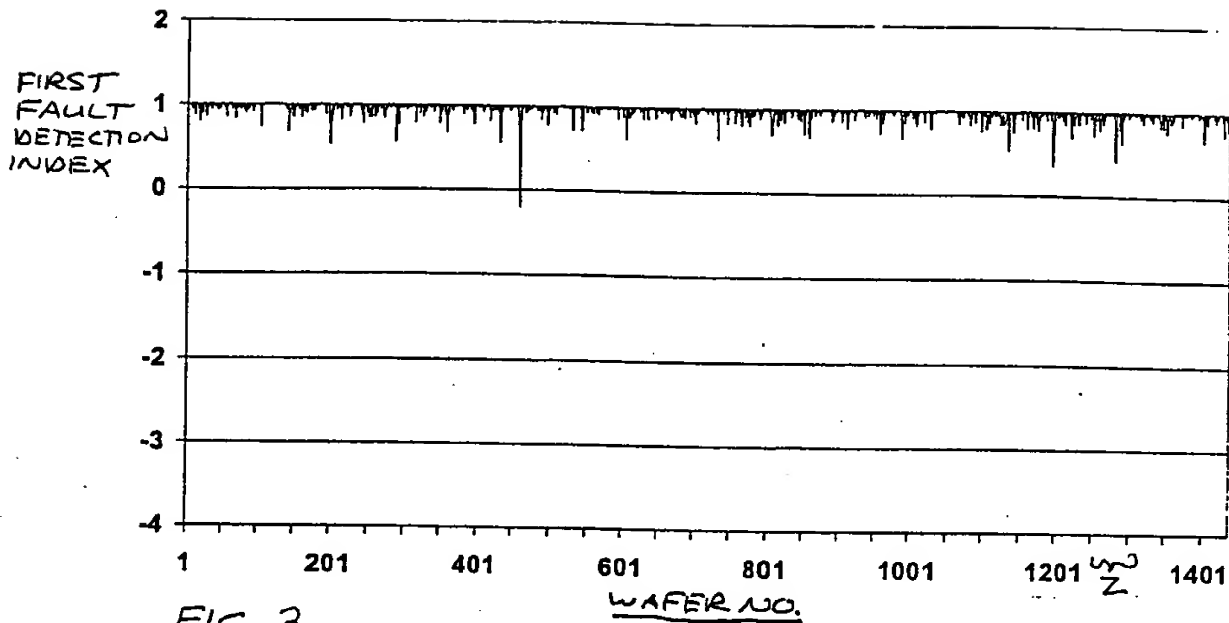


FIG. 3

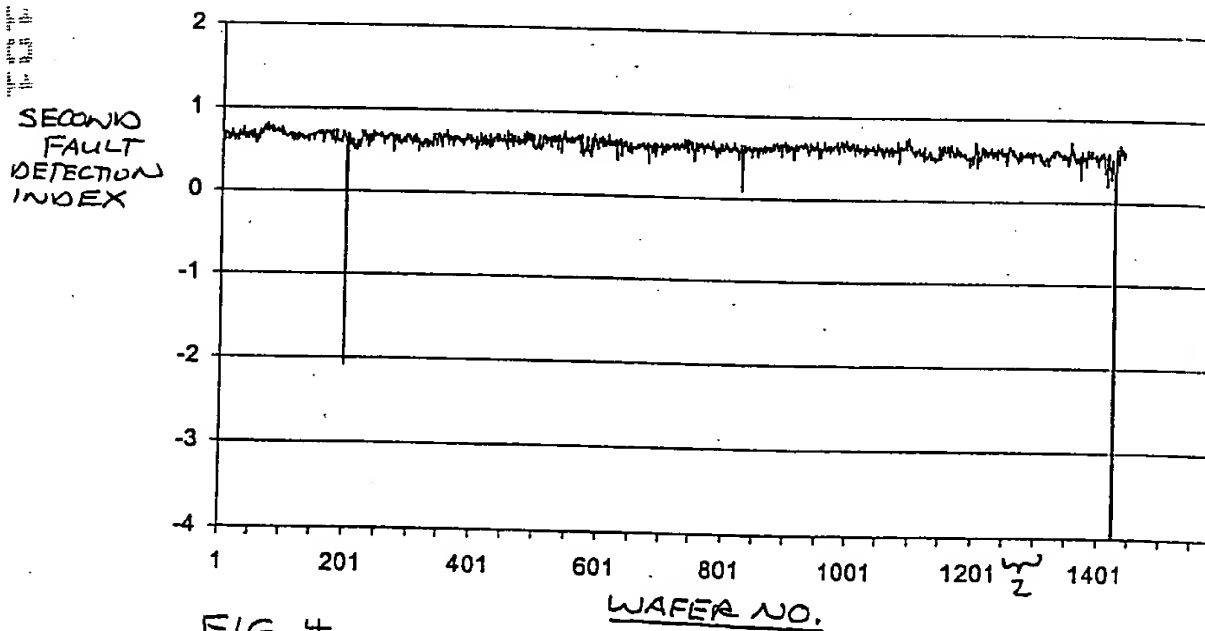


FIG. 4

THIRD
FAULT
DETECTION
INDEX

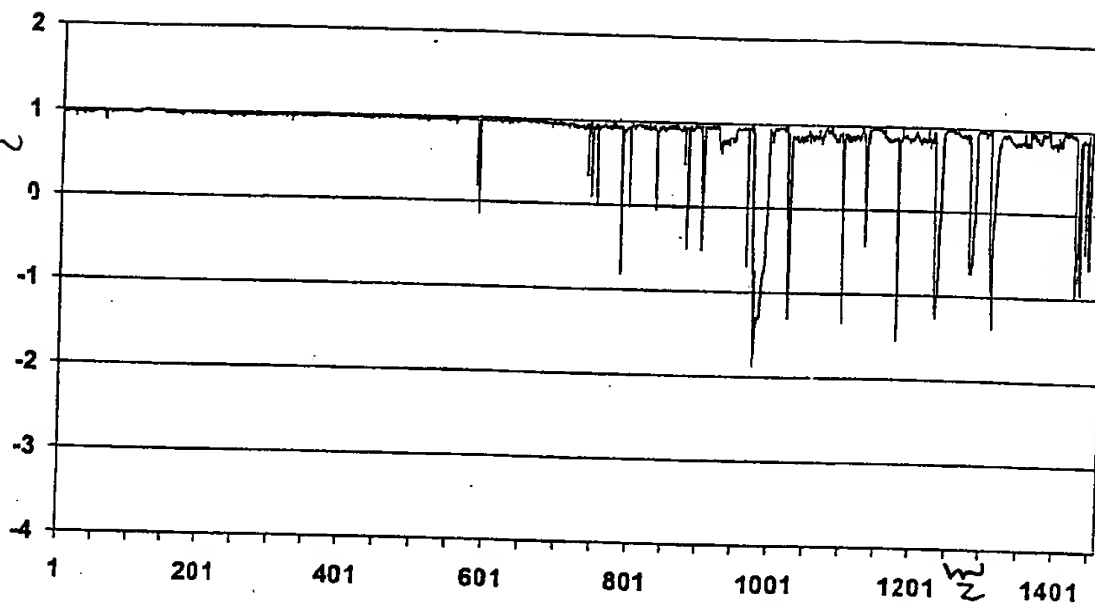


FIG. 5

WAFER NO.

FOURTH
FAULT
DETECTION
INDEX

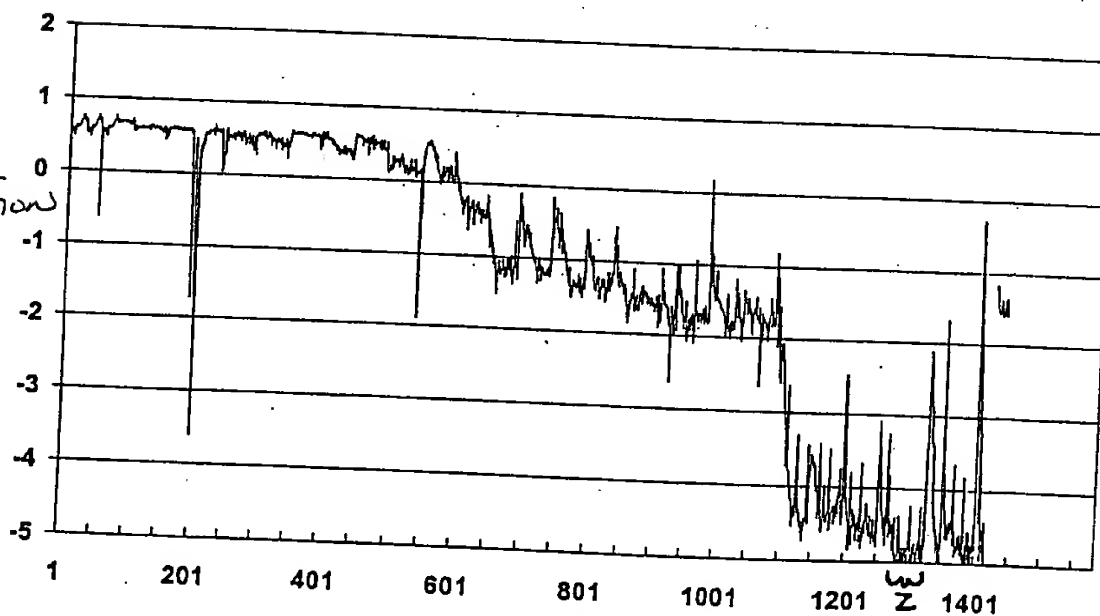
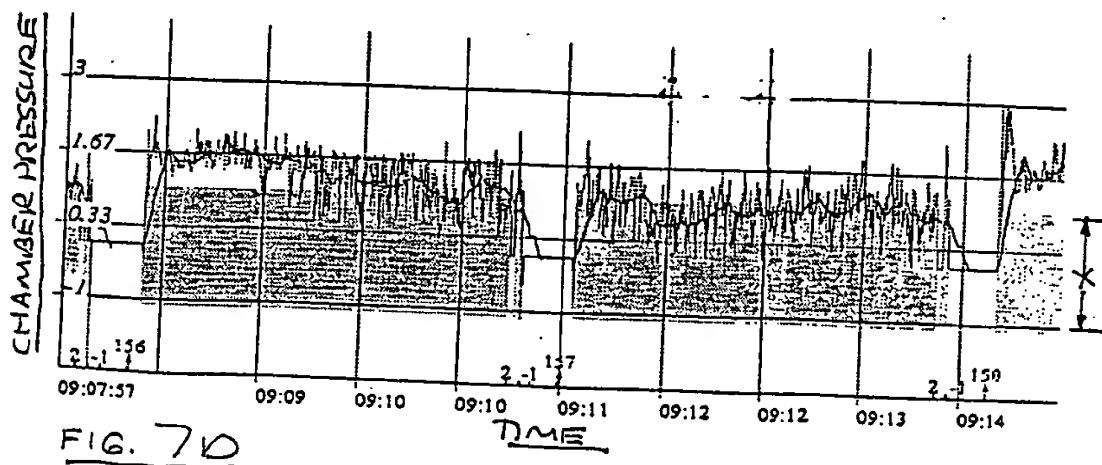
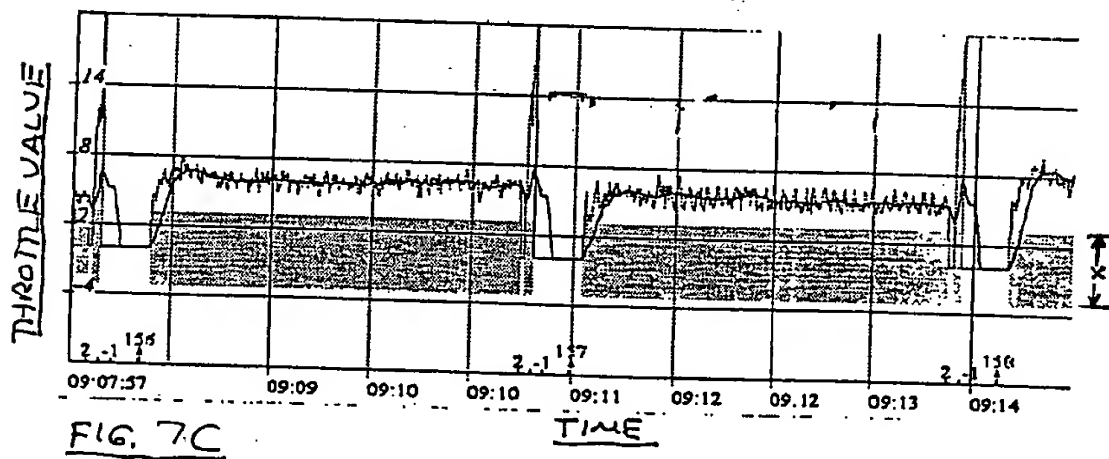
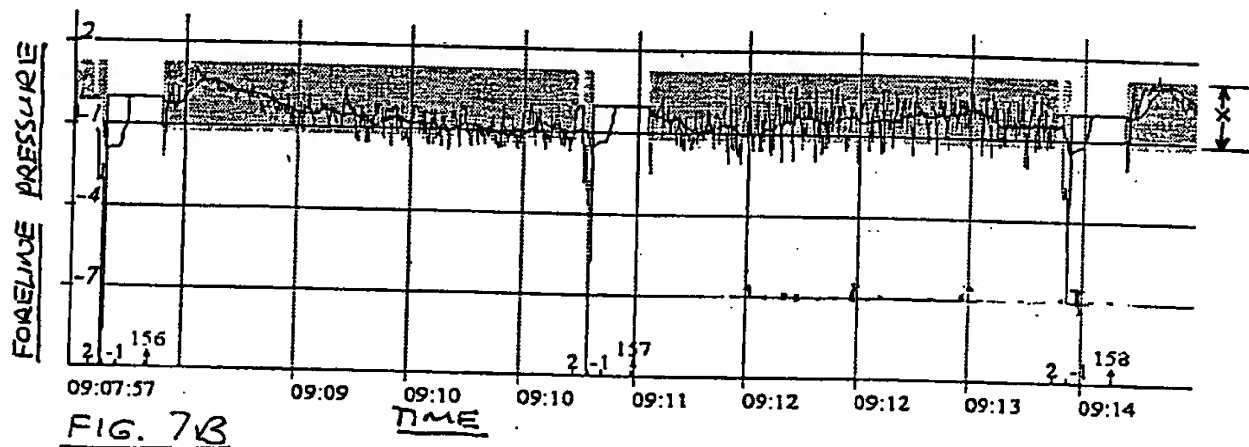
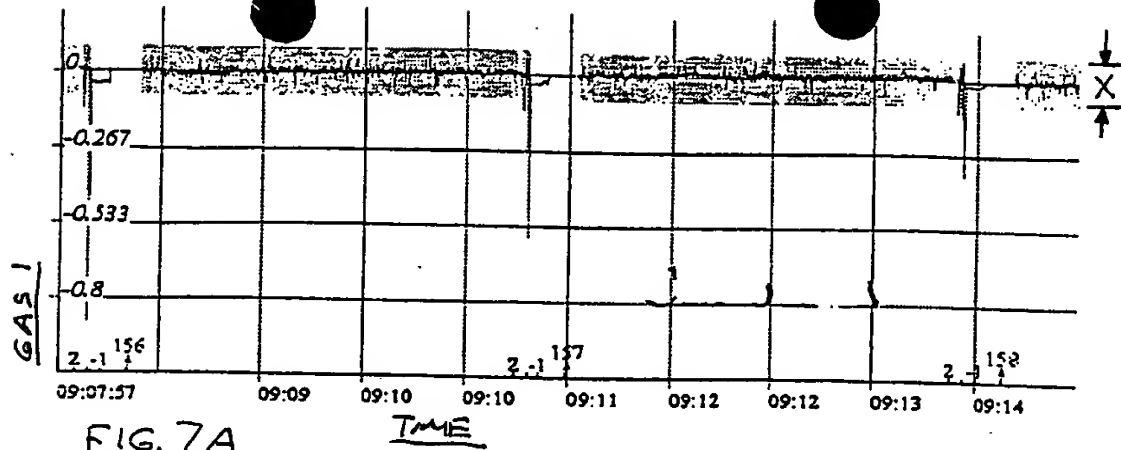


FIG. 6

WAFER NO.



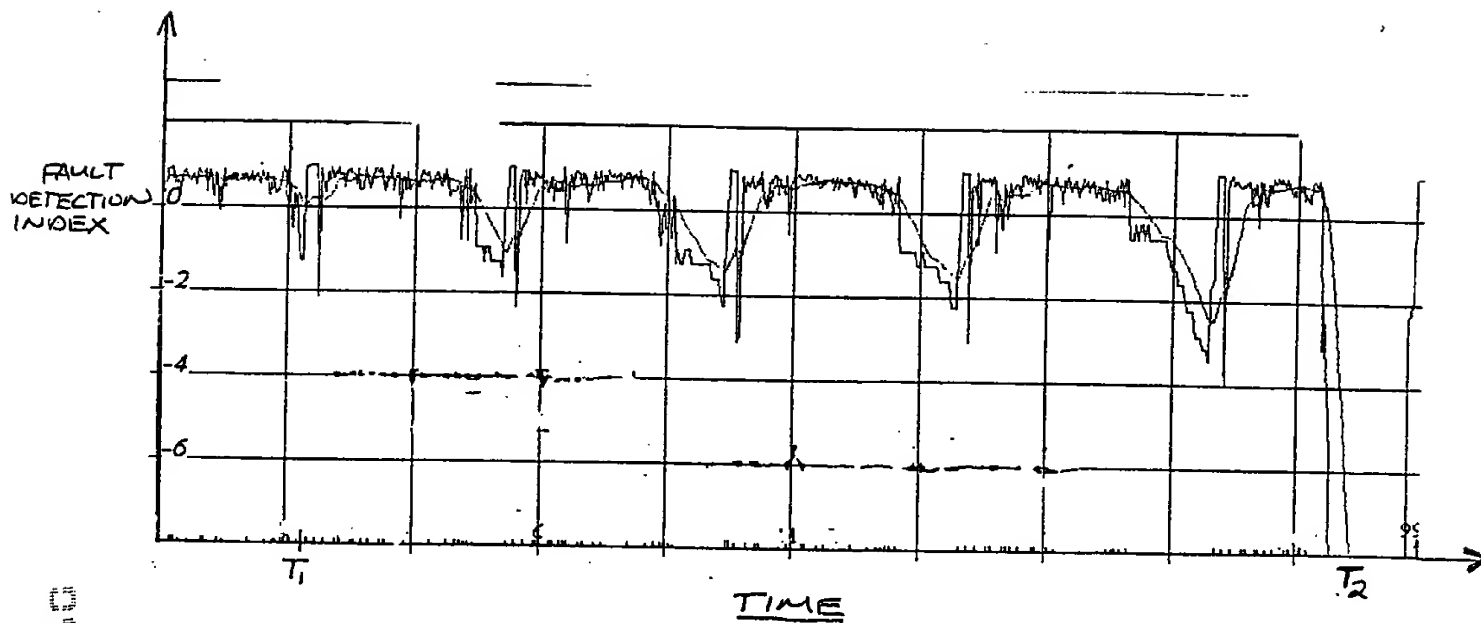


FIG. 8A

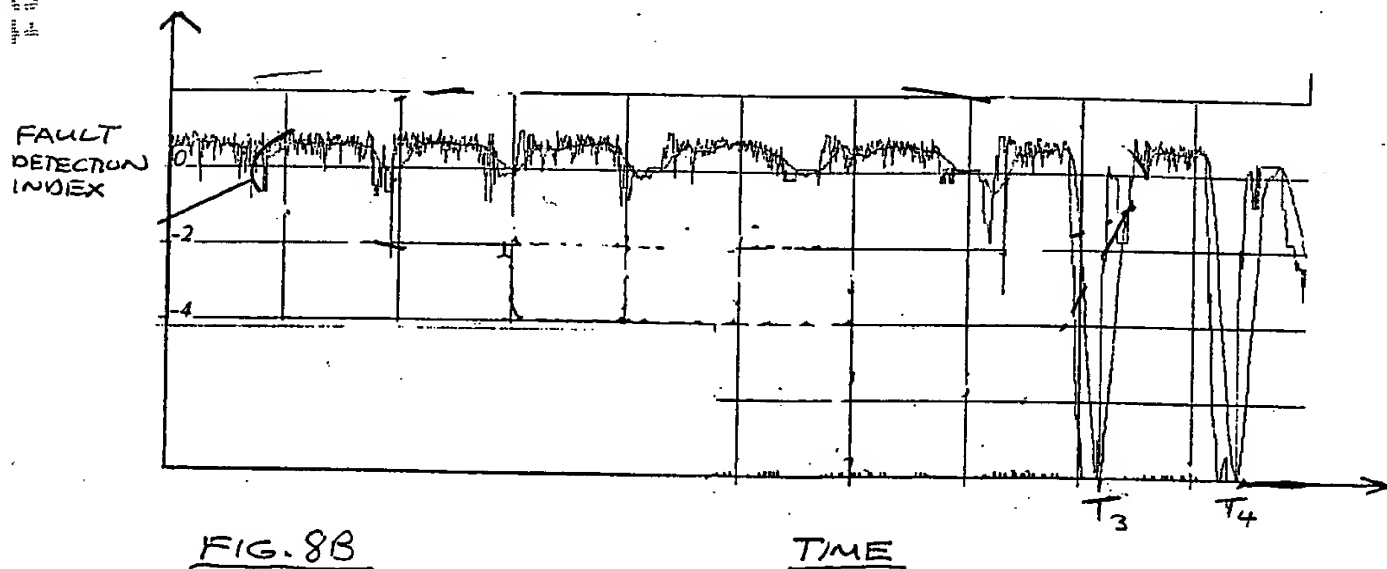
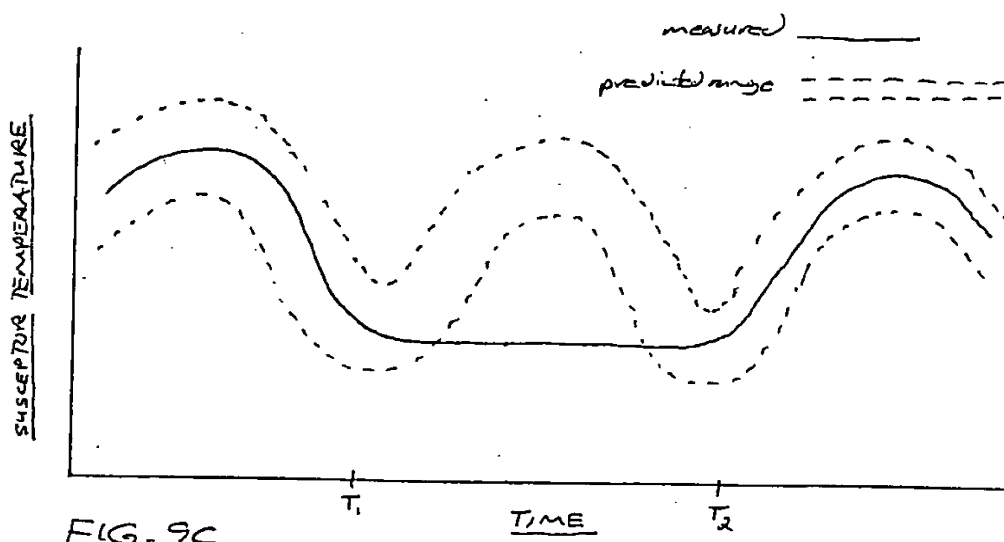
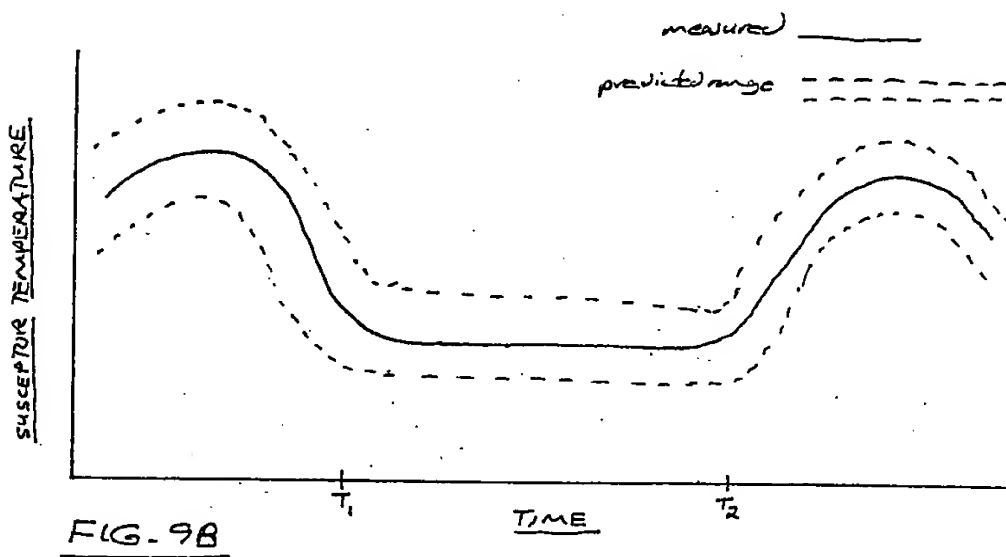
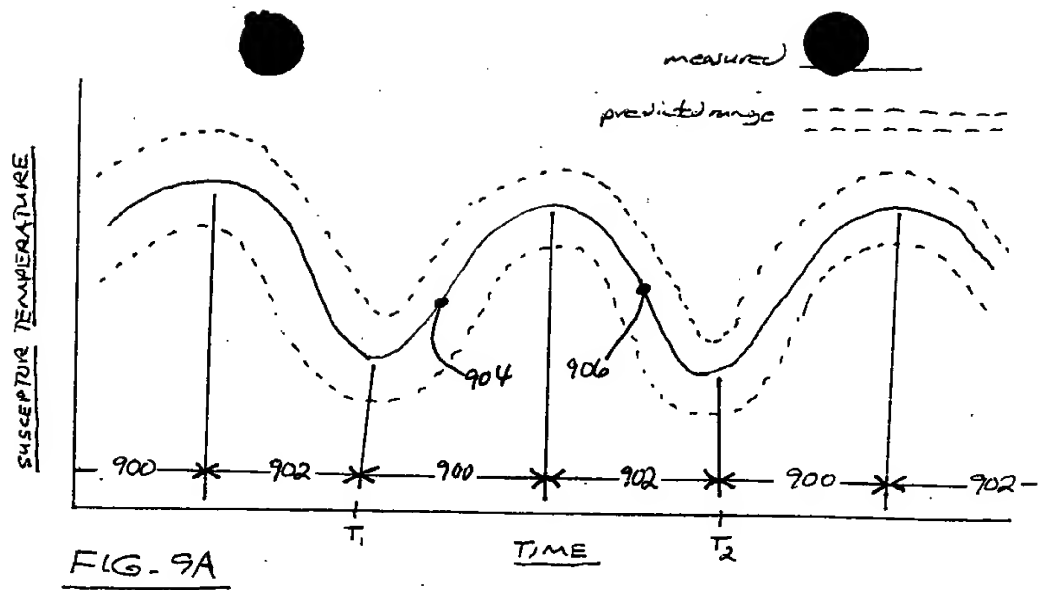


FIG. 8B

TIME



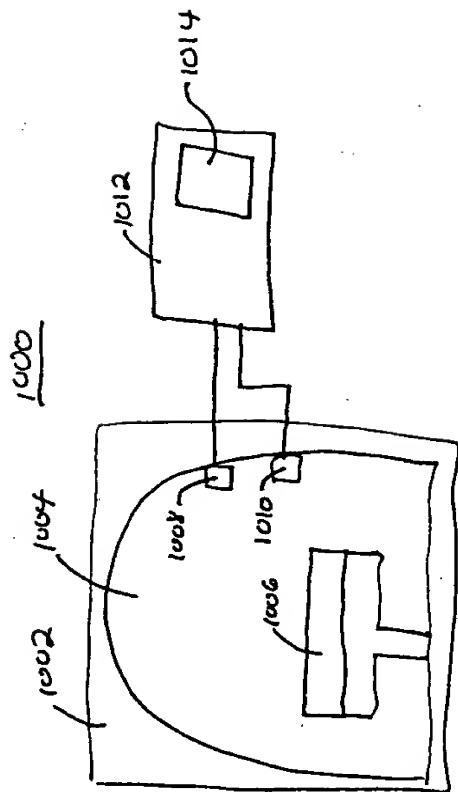


FIG. 10

1112

1150 1151 1152 1153 1154 1155 1156 1157

RUN	1	2	3	4	5	6	7	8
sensor 1								
sensor 2								
sensor 3								
sensor 4								
sensor 5								
sensor 6								
sensor 7								
sensor 8								

1102

1106

1104

sensor 1	
sensor 2	
sensor 3	
sensor 4	
sensor 5	
sensor 6	
sensor 7	
sensor 8	

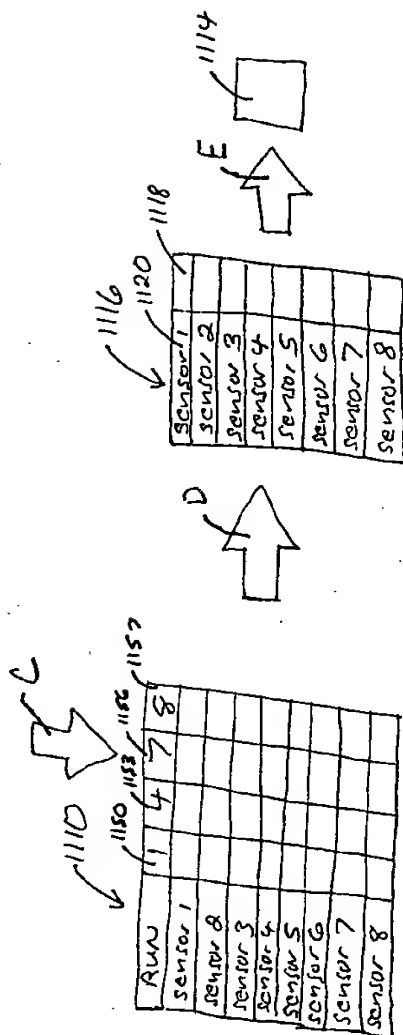
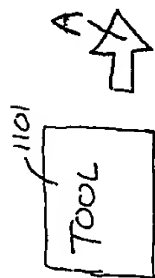


FIG. 11
(Prior Art)

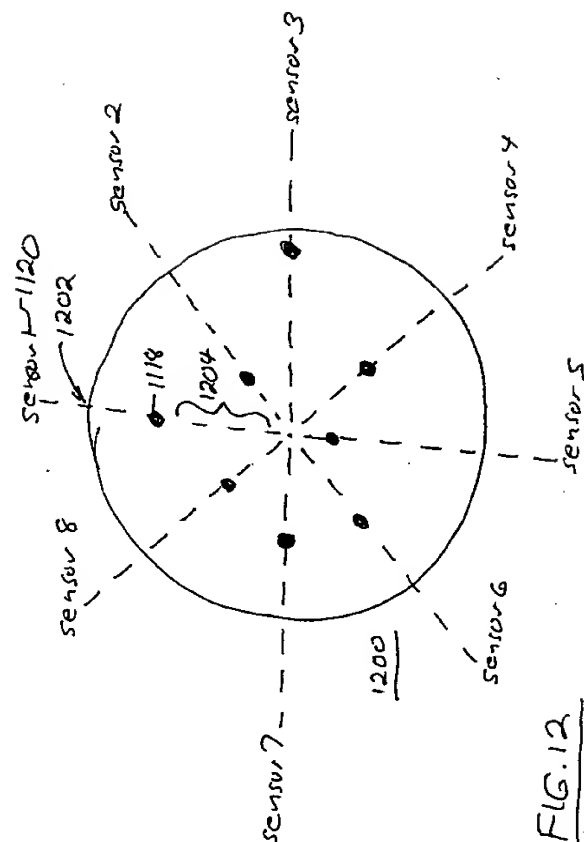


FIG. 12
(Prior Art)